

Amendments to the Claims

1-17. (Cancelled)

18. (Currently Amended) A powder batch comprising ~~complex~~ lead-borosilicate glass particles, wherein said ~~complex~~ glass particles are substantially spherical and have a weight average particle size of from about 0.1 μm to about 5 μm and wherein at least about 80 weight percent of said glass particles are not larger than twice said average particle size wherein said glass particles have a particle density of at least about 95 percent of the theoretical density of said glass particles.

19-23. (Cancelled)

24. (Original) A powder batch as recited in Claim 18, wherein said average particle size is at least about 0.3 μm .

25. (Original) A powder batch as recited in Claim 18, wherein said average particle size is not greater than about 3 μm .

26. (Original) A powder batch as recited in Claim 18, wherein not greater than about 1 weight percent of said glass particles are in the form of hard agglomerates.

27. (Original) A powder batch as recited in Claim 18, wherein said glass particles comprise no greater than about 0.1 atomic percent impurities.

28-71. (Cancelled)

72. (New) A glass powder batch comprising lead-borosilicate glass particles, wherein said glass particles are substantially spherical and have a weight average particle size of not greater than about 10 μm wherein said complex glass particles have a particle density of at least about 95 percent of the theoretical density of said glass particles and wherein said glass particles comprise no greater than about 0.1 atomic percent impurities.

73. (New) A powder batch as recited in Claim 72, wherein at least about 80 weight percent of said glass particles have a size of not greater than about two times said average particle size.

74. (New) A powder batch as recited in Claim 72, wherein at least about 90 weight percent of said glass particles have a size of not greater than about two times said

average particle size.

75. (New) A powder batch as recited in Claim 72, wherein said glass particles comprise at least about 90 weight percent glass.

76. (New) A powder batch as recited in Claim 72, wherein said glass particles comprise at least about 95 weight percent glass.

77. (New) A powder batch as recited in Claim 72, wherein said average particle size is from about 0.1 μm to about 5 μm .

78. (New) A powder batch as recited in Claim 72, wherein said average particle size is at least about 0.3 μm .

79. (New) A powder batch as recited in Claim 72, wherein not greater than about 1 weight percent of said glass particles are in the form of hard agglomerates.

80. (New) A powder batch as recited in Claim 72, wherein said particles comprise no greater than about 100 ppm metallic impurities.

81. (New) A powder batch as recited in Claim 72, wherein said glass particles are glass composite particles comprising a crystalline second phase dispersed throughout a glass phase.

82. (New) A glass powder batch comprising composite glass particles, wherein said composite glass particles comprise a crystalline second phase dispersed throughout a glass phase, said particles are substantially spherical and have a weight average particle size of not greater than about 10 μm wherein said composite glass particles have a particle density of at least about 95 percent of the theoretical density of said glass particles and wherein said composite particles comprise no greater than about 0.1 atomic percent impurities.

83. (New) A powder batch as recited in Claim 82, wherein at least about 80 weight percent of said glass particles have a size of not greater than about two times said average particle size.

84. (New) A powder batch as recited in Claim 82, wherein at least about 90 weight percent of said glass particles have a size of not greater than about two times said

average particle size.

85. (New) A powder batch as recited in Claim 82, wherein said glass particles comprise at least about 90 weight percent glass.

86. (New) A powder batch as recited in Claim 82, wherein said glass particles comprise at least about 95 weight percent glass.

87. (New) A powder batch as recited in Claim 82, wherein said average particle size is from about 0.1 μm to about 5 μm .

88. (New) A powder batch as recited in Claim 82, wherein said average particle size is at least about 0.3 μm .

89. (New) A powder batch as recited in Claim 82, wherein not greater than about 1 weight percent of said glass particles are in the form of hard agglomerates.

90. (New) A powder batch as recited in Claim 82, wherein said glass is a borosilicate glass.

91. (New) A powder batch as recited in Claim 82, wherein said glass is an aluminosilicate glass.

92. (New) A powder batch as recited in Claim 82, wherein said glass is a lead-borosilicate glass.

93. (New) A powder batch as recited in Claim 82, wherein said particles comprise no greater than about 100 ppm metallic impurities.

94. (New) A powder batch as recited in Claim 82, wherein said crystalline second phase comprises a metal phase.